

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD AND APPARATUS FOR AUTOMATED BIOPSY AND COLLECTION OF SOFT TISSUE

the specification of which was filed on March 24, 1994, as Application Serial No. 08/217,246;

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a);

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: Fred H. Burbank		
Inventor's signature: <u>Juel H. Burbaule</u>	Date:	4/20/94
Residence: 30982 Steeplechase Drive, San Juan Capistrano, CA 92675		
Citizenship: U.S.A.		
Post Office Address: 30982 Steeplechase Drive, San Juan Capistrano, CA	92675	

Citizenship: U.S.A.

Full name of second inventor: Thomas J. Fogarty Inventor's signature: Residence: 5660 Alpine Road, Portola Valley, CA 94028 Citizenship: U.S.A. Post Office Address: 5660 Alpine Road, Portola Valley, CA 94028	Date: April 22, 1994
Full name of third inventor: Wayne E. Manska Inventor's signature: Wayne E. Manska Residence: 1921 Kellogg Drive, Anaheim, CA 92807 Citizenship: U.S.A. Post Office Address: 1921 Kellogg Drive, Anaheim, CA 92807	Date: 4/20/94
Full name of fourth inventor: Mark A. Ritchart Inventor's signature: Muk Q. Murrieta, CA 92563 Citizenship: U.S.A. Post Office Address: 41045 Willowbend Drive, Murrieta, CA 92563	Date: 4/20/94
Full name of fifth inventor: Timothy J. Ryan Inventor's signature: Residence: 16984 Frank Avenue, Los Gatos, CA 95032	Date: 7/15/94

Post Office Address: 16984 Frank Avenue, Los Gatos, CA 95032



Full name of sixth inventor: Elias A. Zerhouni

Inventor's signature:

Residence: 5 Rocklandvue Court, Baltimore, MD 21204

Citizenship: U.S.A.

Post Office Address: 5 Rocklandvue Court, Baltimore, MD 21204

Send Correspondence To:

Law Offices DENNIS H. EPPERSON 230 West Avenida Gaviota P.O. Box 639 San Clemente, CA 92674

DHE-3904 940419/1605 Direct Telephone Calls To:

Dennis H. Epperson Reg. No.: 32,025 Telephone: (714) 361-1948

Facsimile: (714) 361-1024

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an cavelope addressed to:

Commissioner of Patents and Trademarks.

The morning

Dennis H. Epperson, Reg. #32,025

(Rev. 6-93) OM8 No. 0651-0011 (exp. 4/94)

RECODATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE Patent and Trader Commerce

TAILITS ONLY		S	
To the Honorable Commissioner of Patents and 1	Trademarks: Please record the attached original documents or copy thereo	36	
1. Name of conveying party(ies): Fred H. Burbank, Thomas J. Fogarty, Wayne E. Manska, Mark A. Ritchart, Timothy J. Ryan, Elias A. Zerhount Additional name(s) of conveying party(ies) attached? 口 Yes 図 No	Name and address of receiving party(ies) Name: ETHICON ENDO-SURGERY Internal Address:	305	0
3. Nature of conveyance: X Assignment	Street Address: 4545 Creek Road Cincinnati, Ohio 45245		
Other: Execution Date:11-14-97	Additional name(s) & address(es) attached? Yes No		
4. Application number(s) or patent number(s): 08/567,953 If this document is being filed together with a new application A. Patent Application No.(s) Addition	n, the execution date of the application is: B. Patent No. (s) nal numbers attached? 口 Yes 図 No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		1
Name: Donald E. Stout Internal Address: Street Address: Myers, Uxa & Stout 100 Pacifica, Suite 210	7. Total fee (37 CFR 3.41)\$ 40 Enclosed Authorized to be charged to deposit account		
Irvine, CA 92618	8. Deposit account number: 13-5135 (Attach duplicate copy of this page if paying by deposit account)	int)	
	DO NOT USE THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information. Donald E. Stout Name of Person Signing	is true and correct and any attached oppy is a true copy of the original document. Signature Date		

Total number of pages including cover sheet, attachments and document:

Docket: A-1186div

WHEN RECORDED, RETURN TO:

Donald E. Stout Myers, Uxa & Stout 100 Pacifica, Suite 210 Irvine, CA 92618

ASSIGNMENT

WHEREAS, BIOPSYS MEDICAL, INC., a Corporation of the State of California and having its principal place of business at 3 Morgan, Irvine, California, 92718, hereinafter Assignor, is the owner of the entire right, title and interest in and to U.S. Application Serial Number 08/645,225 filed May 13, 1996, and any and all domestic and foreign patent applications and patents, including reissued patents, which may heretofore or hereafter arise from or be granted on the above application; and

WHEREAS, ETHICON ENDO-SURGERY, a Corporation of the State of Ohio, hereinafter called Assignee, having its place of business at 4545 Creek Road, Cincinnati, Ohio, 45245, is desirous of acquiring the entire right, title and interest in and to the aforesaid application.

NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for and in consideration of the sum of ONE DOLLAR (\$1.00) to Assignor in hand paid by the said Assignee and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor, by these presents does sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under International Conventions, treaties, or otherwise), in and to the said patents and applications, any divisionals, reissues and continuations of said patents and applications, and Assignor hereby does authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent on said patents and applications or resulting therefrom to said Assignee as assignee of the entire right, title and interest, and Assignor does covenant that it has full right so to do and agrees that it will communicate to said Assignee, and its successors, assigns and legal representatives any and all facts known to Assignor regarding said patents and applications whenever requested, and will testify in any legal proceeding, sign all lawful papers, execute all divisional, reissue and continuation applications and generally do

Docket: A-1186div

U.S. Serial Number: 08/645,225

filing date: 5-13-96

everything possible to aid said Assignee, its successors, assigns and legal representatives to obtain and enforce proper patent protection for said patents and applications in all countries.

Further, Assignor does covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed which is unknown to said Assignee has been made to others by the undersigned.

Executed this <u>Ith</u> day of <u>November</u>, 1997.

ASSIGNOR - BIOPSYS MEDICAL, INC.

Kenneth Galt -- Vice-Presidentt

State of California

, / ss

County of Orange

On this /4th day of November, 1997

before me, Annette Brooks, personally appeared Kenneth Galt personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

ANNETTE BROOKS
Commission # 1094795
Notary Public — California
Crange County
My Comm. Expires Apr 18, 2000

SEAL



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

DATE: 09/22/94

TO:

N09B

DENNIS H. EPPERSON 230 WEST AVENIDA GAVIOTA P.O. BOX 639 SAN CLEMENTE, CA 92674

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NCTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR: DOC DATE: 04/20/94

BURBANK, FRED H.

ASSIGNOR: DOC DATE: 04/22/94

FOGARTY, THOMAS J.

ASSIGNOR: DOC DATE: 04/20/94

MANSKA, WAYNE E.

ASSIGNOR: DOC DATE: 04/20/94

RITCHART, MARK A.

ASSIGNOR: DOC DATE: 07/18/94

RYAN, TIMOTHY J.

ASSIGNOR: DOC DATE: 08/16/94

ZERHOUNI, ELIAS A.

RECORDATION DATE: 08/29/94 NUMBER OF PAGES 005 REEL/FRAME 7109/0783

DIGEST: ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:

BIOPSYS MEDICAL, INC. 27130 A PASEO ESPADA, STE. 1424 SAN JUAN CAPISTRANO, CA 92675 7109/0783 PAGE 0002

SERIAL NUMBER PATENT NUMBER

8-217246

FILING DATE 03/24/94

ISSUE DATE 00/00/00

ASSIGNMENT BRANCH

ASSIGNMENT/CERTIFICATION SERVICES DIVISION

DHE-4323[940824/1252]

U.S DEPARTMENT OF COMMERCE Patent and Trademark Office

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(les): Name and address of receiving party(ies): Fred H. Burbank, Thomas J. Fogs Wayne E. Manska, Mark A. Ritchart BIOPSYS MEDICAL, INC. Timothy J. Ryan and Elias A. Zerhoun 27130 A Paseo Espada, Suite 1424 San Juan Capistrano, California 92675 Additional names(s) of conveying party(ies) attac 3. Nature of conveyance: FILE COPY Assignment Merger Security Agreement Change of Name 1+3+4 April 20, 1994; April 22, 1994; Execution Dates: 5 July 18, 1994; and August 16, 1994 6 Additional names(s) & address(es) attached? 🗖 Yes 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 08/217,246 Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Law Offices 7. 'Total fee (37 CFR 3.41):....\$_ DENNIS H. EPPERSON 230 West Avenida Gaviota M Enclosed P.O. Box 639 San Clemente, California 92674 Authorized to be charged to deposit account 8., Deposit account number: 05-1141 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 1 581 40.00 CK 120 PB 09/06/94 08217246 91854282 9. Statement and signature. To the best of my knowledge and belief the foregoing information is true and correct and any attached copy is a true copy of the original document. <u>Dennis H. Epperson</u> Name of Person Signing

Total number of pages comprising cover sheet:

ASSIGNMENT

WHEREAS, We, Fred H. Burbank, a citizen of the United States of America, residing at 30982 Steeplechase Drive, San Juan Capistrano, CA 92675, Thomas J. Fogarty, a citizen of the United States of America, residing at 5660 Alpine Road, Portola Valley, CA 94028, Wayne E. Manska, a citizen of the United States of America, residing at 1921 Kellogg Drive, Anaheim, CA 92807, Mark A. Ritchart, a citizen of the United States of America, residing at 41045 Willowbend Drive, Murrieta, CA 92563, Timothy J. Ryan, a citizen of the United States of America, residing at 16984 Frank Avenue, Los Gatos, CA 95032, and Elias A. Zerhouni, a citizen of the United States of America, residing at 5 Rocklandvue Court, Baltimore, MD 21204, have invented certain new and useful improvements in a "METHOD AND APPARATUS FOR AUTOMATED BIOPSY AND COLLECTION OF SOFT TISSUE" for which we have executed an application for Letters Patent in the United States, Application Serial No. 08/217,246 filed on March 24, 1994;

AND WHEREAS, BIOPSYS MEDICAL, INC., a California Corporation, with its principal place of business at 27130 A Paseo Espada, Suite 1424, San Juan Capistrano, California 92675, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) each to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said BIOPSYS MEDICAL, INC., its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said BIOPSYS MEDICAL, INC., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said BIOPSYS MEDICAL, INC., its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said BIOPSYS MEDICAL, INC., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this do day of Apr. 1994.

Fred H. Burlant

State of California

County of Drange

On this QOth day of April, 1994, before me, MAURA E. WEITVER, a Notary Public in and for the State and County aforesaid, personally appeared Fred H. Burbank, personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

OFFICIAL SEAL Maura E. Weaver NOTARY PUBLIC CALIFORNIA **ORANGE COUNTY** My Comm. Expires Sept & 1985 WITNESS my hand and official seal,

Notary Public in and for the aforesaid County and State My Commission Expires: $9 - 8^{-5}$

المراجع فلانتها المجاويوسطاري المراجع الماسية

Serial No. 08/217,246	Page 2 of
IN TESTIMONY WHEREOF, I hereunto set n	ny hand and seal this 12 day of April, 1994.
State of <u>California</u> County of <u>San Mateo</u>	Thomas J. Fogarty
County of Sun Millo	
to me on the basis of satisfactory evidence to be the	Thomas J. Fogarty, personally known to me - OR - proved person whose name is subscribed to the within instrument and his/her authorized capacity, and that by his/her signature on the person acted, executed the instrument.
	WITNESS my hand and official seal.
OFFICIAL SEAL DUNNA ADELIE GOVETTE NOTATY PUBLIC CALE GONA SAN MATEO COUNTY My Comm. Expires May 6, 1994	Notary Public in and for the aforesaid County and State My Commission Expires: 5-6-94
IN TESTIMONY WHEREOF, I hereunto set my	y hand and seal this $\frac{\partial C}{\partial t}$ day of $\frac{Apr.1}{t}$, 1994.
	Wayne E. Manska
State of California	Wayne 2. Maisra
County of Orange	
o me on the basis of satisfactory evidence to be the	Wayne E. Manska, personally known to me - OR - proved person whose name is subscribed to the within instrument and his/her authorized capacity, and that by his/her signature on the ch the person acted, executed the instrument.
g and the second se Second second	WITNESS my hand and official seal,
OFFICIAL SEAL	

Motary Public in and for the aforesaid County and State My Commission Expires: 1-8-95

REELTIOG FRAMET86

Serial 140. 06/217,240	Page 3 of
IN TESTIMONY WHEREOF, I hereunto set	my hand and seal this 20 day of Apr. L, 1994.
	Have a. I Juhan
State of California	Mark A. Ritchart
State of <u>California</u> County of <u>Orunge</u>	/
County of Orange	
to me on the basis of satisfactory evidence to be the	me, MAURA E. WENVER, a Notary Public in and Mark A. Ritchart, personally known to me - OR - prove the person whose name is subscribed to the within instrument and in his/her authorized capacity, and that by his/her signature on the which the person acted, executed the instrument.
" The state of the	WITNESS my hand and official seal,
Maura E. Weaver P CIT HOTARY PUBLIC CALIFORNIA ORANGE COUNTY My Comma Expires Sept & 1995	Mouro Enfance Notary Public in and for the aforesaid County and State My Commission Expires: 9-8-95
IN TESTIMONY WHEREOF, I hereunto set n	ny hand and seal this 18 day of July, 1994.
	TARa
State of Cale Xorina	Timothy J. Ryan
State of <u>California</u> County of <u>SantaClara</u>	
county of <u>survey curve</u>	
On this day of Vuly, 1994, before n	ne, Janela Seford, a Notary Public in and
for the State and County aforesaid, personally appeared	i Timothy J. Ryan, personally known to me - OR - Riproved
acknowledged to me that he/she executed the same in	e person whose name is subscribed to the within instrument and in his/her authorized capacity, and that by his/her signature on the
instrument the person, or the entity upon behalf of wh	nich the person acted, executed the instrument.
•	WITNESS my hand and official seal,
	my made and official scal,
PAMELA ALFORD	Janela Alford
COMM. # 974362 Notary Public — Coffornia	Notary Public in and for the aforesaid County and State
SANTA CLARA COUNTY My Comm. Biplines SEP 27, 1996	My Commission Expires: <u>C9/21/96</u>

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16 day of August, 1994.

State of Marfund

County of Jugust, 1994, before me, Llus A. Zerhouni, a Notary Public in and for the State and County aforesaid, personally appeared Elias A. Zerhouni, personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal,

PATERIT & TRADEMARK OFFICE

AUG 29 94